



THE
URBAN DISTRICT COUNCIL OF WORSLEY.



Annual Reports

For 1938,

BY

T. E. FLITCROFT,

Medical Officer of Health;

AND

WALTER ALLEN,

Chief Sanitary Inspector.



ISSUED BY THE

Urban District Council of Worsley,

JULY, 1939.





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CONTENTS.

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THE URBAN DISTRICT COUNCIL OF WORSLEY.

Chairman of the Council :

DAVID HALLIWELL, M.B.E., J.P.

The Public Health Committee
comprises all the Members of the Council.

Chairman of Committee :

Councillor CATHERINE BERRY, J.P.

Vice-Chairman of Committee :

Councillor ROBERT TART

Clerk of the Council :

HAROLD LOMAX, Esq.

STAFF.

Medical Officer of Health :

T. E. FLITCROFT, L.R.C.P., D.P.H., Etc.

TEL. LEIGH 100

Chief Sanitary Inspector :

WALTER ALLEN, M.S.I.A.

TEL. WALKDEN 2168

Additional Sanitary Inspector :

THOMAS ISHERWOOD, M.R.S.I., M.I.H.



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PUBLIC HEALTH DEPARTMENT,
TOWN HALL,

To the Chairman and Members of the
Worsley Urban District Council. WALKDEN.

Madam/Gentlemen,

I have the honour to submit my Fifth Annual Report on the health of the Urban District of Worsley for the year ending 31st December, 1938.

The District comprises the townships of Walkden, Worsley, Boothstown and Little Hulton.

The chief points to be noted are :—

- (a) The population has, according to the Registrar General's return, increased from 24,500 mid-year, 1937, to 24,920 mid-year, 1938.
- (b) The death rate has decreased from 13.9 per 1,000 of estimated resident population in 1937, to 11.4 per 1,000 in 1938.
1937 adjusted death rate = 15.0 per 1,000 population
1938 " " " = 12.3 " " "
- (c) The birth rate has increased from 13.4 per 1,000 of estimated resident population in 1937 to 15.5 per 1,000 in 1938. Illegitimate births are the same for both years, viz.: 9.
- (d) The economic conditions of the inhabitants have improved during the year.
- (e) There was, I regret to state, an increase in the number of notifiable infectious diseases, especially in Diphtheria, chiefly confined to the industrial areas. This incidence was general to surrounding districts.

The question of immunization against Diphtheria was not favourably considered by the Council.

The infantile mortality rate has decreased during the year from 63 per 1,000 live births in 1937 to 46 per 1,000 in 1938. This is below the average for England and Wales, viz. : 53 per 1,000.

Recommendations of the Department received consideration by the Public Health Committee, and in most cases were adopted and put into effect.

The collaboration of the officials in all the departments of the Council has materially helped and facilitated the work of the department.

I am, gentlemen,

Your obedient servant,

T. E. FLITCROFT,

Medical Officer of Health.

REVIEW OF THE DISTRICT.

The area covered by the Worsley Urban District Council comprises 7,242 acres, bounded on the North by Farnworth and Kearsley, on the East by Swinton and Pendlebury, on the South by Eccles, and on the West by Tyldesley.

The Education Acts are administered by an Area Committee, which is a Sub-Committee of the Lancashire County Council Education Committee.

The Maternity and Child Welfare Act is administered by the County Council.

The Township is divided into Eight Wards, viz. : Walkden North, Walkden Central, Walkden East, Boothstown, Worsley, Hulton East, Hulton West, and Worsley Road. Each Ward is represented by three members. The entire Council consists of 24 members.

The Registrar General's estimate of the population for mid-year is 24,920.

The District is situate upon a mineral strata, chiefly with a clay and sand sub-soils, the highest point being at Topping's Bridge, in Worsley Road, which is 353.4 feet above sea level, and the lowest point is situate at the Sewer outfall, Barton Sewage Farm, being 71.4 feet.

INDUSTRY.

The chief industries operating in the District are Coal Mining, Cotton Spinning, Weaving, Dyeing, Engineering, Tailoring and Farming. Employment in the staple industries has been greatly improved by the erection of a large clothing factory in the district.

SANITARY INSPECTION OF THE AREA.

The Medical Officer of Health supervises the work of the Public Health Department and personally investigates conditions demanding special attention.

Infectious diseases cases are removed to Astley Sanatorium when considered advisable in the interest of the patient and to safeguard the health of the community.

HOUSING.

During the year 371 new houses have been erected, 146 of which were built by the Council and 225 by other bodies.

Seventeen Clearance Areas were submitted to the Council, comprising 119 houses situate in Hulton East Ward, Worsley Road Ward and Walkden North Ward, and after an inquiry held by the Ministry of Health at a later period, were all confirmed.

Demolition of vacated property has been effected.

WATER SUPPLY.

Water is supplied by the Corporations of Bolton and Manchester, the supplies are continuous and of good quality. No samples of these have been submitted for examination by this Authority.

SEWERAGE AND DRAINAGE.

The separate system is operated as far as possible. Sewage is dealt with at the various works situate at Barton, Boothstown, Ellenbrook and Worsley Road, Little Hulton.

REFUSE DISPOSAL.

The collection and disposal of refuse is under the control of the Chief Sanitary Inspector. Further information in regard to this service is given in his Report.

GENERAL STATISTICS.

Area—7,242 acres.

Population—(Estimated by Registrar General mid-year, 1938)—24,920.

Population—Census, 1931—22,376.

No. of inhabited houses, Census 1931—5,954.

„ „ Estimated 1938—7,755.

Rateable Value—£128,099.

Sum represented by a penny rate—£487.

Number of new houses occupied—371.

General Rate in the £—14/-.

EXTRACTS FROM VITAL STATISTICS.

					Per 1,000	
					Total	Population
					Males	Females
					Rate	
1937—Births, Legitimate	...	...	...	...	320	13.4
„ Illegitimate	...	...	...	...	9	4
1938—Births, Legitimate	...	...	...	...	378	15.5
„ Illegitimate	...	...	...	...	9	3
					Per 1,000 Total Births	
					Rate	
1937—Still Births	...	...	...	...	23	65
1938 „ „	...	...	...	...	19	46
					Per 1,000 Population	
					Crude rate	
1937—Deaths	...	...	...	...	342	13.9
					Adjusted	
					15.0	
1938 „	...	...	...	...	286	11.4
					Adjusted	
					12.3	
					1937	1938
Deaths from Puerperal Sepsis	...	...	...	...	nil	1
Deaths from other Puerperal Causes	...	...	...	...	3	1
Deaths of Infants under one year of age—					Legitimate	18
					Illegitimate	0
Rate per 1,000 Births	...	...	...	...	63	46
Rate for England and Wales	...	...	...	...	58	53
Deaths from Cancer	...	...	...	...	36	40
„ „ Measles	...	...	...	...	0	0
„ „ Whooping Cough	...	...	...	...	1	0
„ „ Diarrhea	...	...	...	...	1	2

		Live Birth rate		Crude Death rate		Death rate from Tuberculosis of Respiratory System.		Death rate from Cancer		Rate of Deaths under One Year per 1000 Births	
Mean of 5 years											
1933—1937	...	12.9	...	12.7	...	0.38	...	1.59	...	63	...
1937	...	13.4	...	13.9	...	0.48	...	1.46	...	63	...
1938	...	15.5	...	11.4	...	0.32	...	1.60	...	46	...
Increase or Decrease											
on 5 years' average		+2.6	...	—1.3	...	—0.06	...	+0.01	...	—17	...
Increase or Decrease											
on previous year		+2.1	...	—2.5	...	—0.16	...	+0.14	...	—17	...

DEATHS.	1937	1938
Total deaths belonging to the District, including transfers in and excluding transfers out ...	342	286
Death rate per thousand living	13.9	11.4
Infantile Mortality death rate per 1,000 Births ...	63	46
Legitimate infants per 1,000 legitimate live Births	59	47
Legitimate infants per 1,000 illegitimate live Births	222	nil

The births registered in and belonging to the District numbered 387, giving a birth rate of 15.5 as compared with 13.4 for 1937, and a rate for England and Wales of 15.1.

Of the 387 births, 201 were males and 186 females. Six males and three females being illegitimate.

MATERNAL MORTALITY AND INFANTILE MORTALITY RATE.

	Maternal Mortality Rate Per 1,000 live births		Per 1,000 live and still births		Rate of Deaths under 1 year per 1,000 live births
Mean of five years, 1933-37 ...	5.85	...	5.48	...	63
1937 ...	9.11	...	8.52	...	63
Increase or Decrease on 5 years' average, 1933-37 ...	—0.69	...	—0.56	...	—17
On previous year ...	—3.95	...	—3.60	...	—17

The Infantile Mortality rate shows a decrease from the previous year, and is less than that for England and Wales, being 46 per 1,000 and 53 per 1,000 respectively.

The chief causes of death were Heart Disease, Cancer, Cerebral Conditions, and Pulmonary Diseses.

NURSING ARRANGEMENTS.

There are three Nursing Associations in the District, each providing one nurse for general sickness cases, but not for infectious Diseases. The Council grants yearly contributions to each Association.

It would be advisable if arrangements could be made for the nursing of Non-notifiable infectious diseases in the patients' homes.

MIDWIVES.

The Lancashire County Council is the supervising authority for the Midwives practising in the district, which includes Worsley and Swinton and Pendlebury.

M. M. Williams, 13 Manchester Road West, Walkden
 H. Fullam, 2, Peelwood Avenue, Little Hulton
 H. Watkin, 29, Normanby Street, Swinton
 M. Southworth, 90, Partington Lane, Swinton
 E. Cliff, 104, Station Road, Swinton
 M. Burrows, 158, Manchester Road, Swinton.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

The Council subscribes to the following hospitals :—

Manchester Royal Hospital.
 „ Royal Eye Hospital.
 „ „ Ear „
 „ „ Children's „
 „ St. Mary's „
 Salford Royal Infirmary.
 Bolton Royal Infirmary.

The above mentioned Hospitals and Infirmaries are extensively used by the inhabitants of the district.

INFECTIOUS DISEASES.

Notifiable Infectious cases requiring Isolation and Sanatorium treatment are sent to the Sanatorium situate at Astley, controlled by the Leigh Joint Hospital Board, upon which this Authority is represented.

Large extensions have been undertaken by the Board in order to effectively deal with all cases of notifiable infectious diseases from the various districts within the purview of the Joint Board, under the charge of a Resident Medical Superintendent.

TUBERCULOSIS.

The treatment of this disease is under the control of the County Council, and there is one Pulmonary Hospital within the district at Peel Hall. There is no excessive incidence of, or mortality from Tuberculosis in any particular occupation in the district.

It has not been necessary to apply Section 172 of the Public Health Act, 1936, which provides for the compulsory removal to Sanatorium of any person suffering from the disease.

AMBULANCE FACILITIES.

Infectious disease cases are removed by motor ambulance belonging to the Joint Hospital Board. For accidents and non-infectious cases, the Council provide motor ambulance facilities free of charge for cases of persons resident in the district, to any of the various Hospitals.

LABORATORY WORK.

All specimens for pathological and bacteriological examination are sent to the Public Health Laboratory, York Place, Manchester. During the year 233 swabs have been examined for Diphtheria, and seven for Enteric Fever.

MATERNITY AND CHILD WELFARE.

The Maternity and Child Welfare Act is administered by the County Council, and I am indebted to Dr. Stocks, Assistant County Medical Officer, for the following information:—

LANCASHIRE COUNTY COUNCIL.

SCHOOL MEDICAL and CHILD WELFARE DEPARTMENT.

WORSLEY URBAN DISTRICT.

Child Welfare Centre.

51, Park Road, Walkden. Open each Thursday afternoon from 2 till 4 p.m. and is attended by the Assistant County Medical Officer and the County Health Visitors for the District.

The following statement shows the attendances at the Centre during the year 1938.

	<i>No. of Individuals</i>	<i>No. of Attendances</i>
Children under one year of age ...	348	3,251
Children between the ages of one and five years	233	1,123
Expectant Mothers	19	28

Dried Milks, Virol, etc., are sold at this Centre at cost price, and Fresh Milk, Dried Milks, Virol, etc., are supplied at less than cost price or free of cost to necessitous cases.

The following statement shows the number of visits paid by the Health Visitor in the Worsley Urban District during the year 1938 :—

HOME VISITS.

Infants under one year of age :—

Number of first visits	...	...	...	...	...	...	217
Number of re-visits	614

Children between the ages of one and five years :—

Number of visits	346
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ANTENATAL WORK (EXPECTANT MOTHERS).

Number of first visits	17
Number of re-visits	11

Public Health Act, 1936.

CHILD LIFE PROTECTION.

Number of visits to cases under the above Act	4
---	-----	-----	-----	-----	---

OTHER MATTERS.

Number of visits to cases of Ophthalmia Neonatorum	6
--	-----	-----	---

Expectant Mothers are able to obtain expert advice at the Eccles Antenatal Clinic, Green Lane, Patricroft, or at the Antenatal Clinic, Park Hospital, Davyhulme.

Under the Maternity and Child Welfare Scheme, the County Council have arrangements whereby expectant mothers whose home surroundings are not suitable for a confinement, or for whom hospital treatment is required for medical or surgical reasons, may be admitted to the Maternity Ward of the Park Hospital, Davyhulme.

Patients admitted under this Scheme are required to pay towards the cost of maintenance, as much as the family circumstances will permit.

The County Council have made arrangements for the use of the Emergency Maternity Unit established by the St. Mary's Hospitals, Manchester. The Unit consists of consultant, nurse, dressings and the necessary equipment for dealing with emergencies, and is intended for those cases where the patient cannot safely at the time be removed to hospital, e.g., cases of severe haemorrhage and shock. A patient having the services of the Emergency Maternity Unit is required to contribute according to the family circumstances.

HEALTH SERVICES.

Maternity and Child Welfare and School Clinics.

CHILD WELFARE CENTRE.

51, Park Road, Walkden.

Thursday. 2-0 p.m. to 4-0 p.m.

ANTENATAL CLINIC.

Infant Welfare Centre, Green Lane, Patricroft.

First and third Friday—3-30 p.m., in each month.

SCHOOL CLINIC.

51, Park Road, Walkden.

Minor Ailments—Tuesday 9-30 a.m., Friday 9-30 a.m.

ORTHOPAEDIC CLINIC.

New Jerusalem School, Greenwood Street, Kearsley.

Dental Ophthalmic and Orthopaedic by appointment.

List of Hospitals serving the district with out-patient hours :—

Bolton Royal Infirmary ; Leigh Royal Infirmary ; Salford Royal Infirmary ; Manchester Royal Infirmary.

Tuberculosis.

THE COUNTY DISPENSARY.

28-30, Gilda Brook Road, Eccles.

Tuesday—2-0 p.m., Friday—9-30 a.m., 1st Wednesday in month—6-30 p.m.

N.B.—New patients to have a note from their medical attendant.

Venereal Diseases.

SALFORD MUNICIPAL CLINIC.

153-155, Regent Road, Salford.

Males : Monday, Tuesday and Thursday—10-0 a.m. to 12-0 noon ; 5-0 p.m. to 8-0 p.m.

Wednesday—10-0 a.m. to 12-0 noon ; 2-0 p.m. to 4-0 p.m. ; 5-0 p.m. to 8-0 p.m.

Friday—10-0 a.m. to 12-0 noon ; 2-0 p.m. to 4-0 p.m.

Saturday—10-0 a.m. to 12-0 noon.

Females : Monday, Wednesday and Thursday—10-0 a.m. to 12-0 noon ; 5-0 p.m. to 8-0 p.m.

Tuesday—10-0 a.m. to 12-0 noon ; 2-0 p.m. to 4-0 p.m. ; 5-0 p.m. to 8-0 p.m.

Friday—10-0 a.m. to 12-0 noon ; 2-0 p.m. to 4-0 p.m.

Saturday—10-0 a.m. to 12-0 noon.

N.B.—The above is the nearest clinic, but patients may attend any of the County V.D. Clinics if desired.

Ambulances.

To obtain an ambulance apply to :—

The Sanitary Inspector at the Town Hall ; telephone number, Walkden 2228-9. After Office hours to the Inspector's residence at 63, Walkden Road, Walkden ; telephone number, Walkden 2168. (In case of emergency telephone direct to the Manchester Collieries, Ltd., Walkden ; telephone Walkden 2201.)

Addresses.

Medical Officer of Health (of District) : Dr. T. E. Flitcroft, Town Hall, Walkden. Private Address, Chapel Street, Leigh. Telephone Leigh 100.

Chief Sanitary Inspector : Mr. Walter Allen, 63, Walkden Road, Walkden, and Town Hall, Walkden. Tel. No. 2168.

Relieving Officer : Mr. H. Gerrard, Liberal Club, Walkden.

Registrar of Births and Deaths : Mr. James A. Rogerson, 32, Birch Road, Walkden.

Vaccination Officer : Dr. W. J. Cowan, 11, Manchester Road, Walkden.

Midwives : Mrs. M. M. Williams, 13, Manchester Road West, Walkden ; Mrs. H. Fullam, 2, Peelwood Avenue, Little Hulton.

SCHOOL HYGIENE.

The sanitary arrangements of the schools in the district are as follows:—

Privy System.	St. John's Blair School.
Trough System.	Walkden Moor Methodists. St. Edmund's R.C. St. John's, Ellesmere. Boothstown C. of E. Worsley St. Marks. St. Paul's, Peel (Part).
Flush Water Closets.	Beesley Green, Worsley. All Saints', Swinton. St. Paul's, Peel (Part). Walkden Methodists. St. Paul's Walkden Senior " " " " Infants Worsley Senior School. East Council School, Worsley Road. Worsley Hulton West Council School

Cloak room accommodation and facilities for drying clothes are in many schools unsatisfactory.

The method of supply of drinking water is out of date, unhygienic, and I suggest is a means of spreading infection. School yards, are generally unpaved, uneven and unsatisfactory especially in bad weather.

These remarks apply to non-provided Schools and it is to be noted that the majority of Infectious cases were from these Schools.

INSPECTION AND SUPERVISION OF FOOD.

The County Council is the authority under the Food and Drugs Acts, and details of samples of food submitted for analysis will be found in the Chief Sanitary Inspector's Report on information supplied by the Superintendent of Police.

MILK SUPPLY.

There are in this district 33 farms where milk is produced, five of which are licensed by the County Council to produce "Accredited Milk." There are no farms in the district where "Tubercular Tested" Milk is produced and there are no Pasteurization plants.

The method of distribution is still improving by the more extensive use of sealed bottles, but there still remains the old method of retailing from the churn, this cannot be regarded as hygienic, or satisfactory.

Milk is the staple and necessary food for children, and is the only food which contains everything essential to life. A clean, pure milk supply is most necessary for the maintenance of the health of children. Sterilised milk is not recommended for children.

The only satisfactory method of ensuring milk is in my opinion, one under the direct control of the Local Authority. All milk supplied should be from animals which have passed the tuberculin test, and where this is not at present practicable, the milk should be pasteurized and sold in sealed containers, bearing the date of production.

Details of milk samples submitted for analysis are recorded in the Chief Sanitary Inspector's report.

MEAT.

All animals slaughtered for food for human consumption are submitted to rigid inspection and all premises where the slaughter of animals is effected are kept under strict control and observation.

The slaughterhouses are generally well conducted, and the Regulations carried out.

Slaughtering of animals on Sundays for food for human consumption is prohibited by resolution of the Council, and is observed. Generally the quality of meat sold in the district is good and free from appreciable disease.

Refrigerators are provided in all meat shops, chiefly the electric type, and the premises are kept clean wholesome and well ventilated.

Inspection of carcasses would be facilitated and a great saving of time and money effected by the provision of a Central Public Slaughterhouse.

OBSERVATIONS ON INFECTIOUS DISEASE.

SMALL POX.

No case has occurred in the district.

SCARLET FEVER.

Sixty-nine cases occurred during the year, forty-six of which were removed to the Sanatorium. The incidence of this disease has been most general in children between the ages of five and 15 years, and was of a mild type.

DIPHTHERIA.

I regret to report a large increase in the number of cases notified, 106 compared with 43 in 1937, of which 80 cases were between the ages of 5 and 15 years.

94 were removed to Sanatorium, there were 4 deaths.

The Epidemic was of the non-virulent type generally.

A comprehensive scheme of immunization is, I suggest, the only solution of eventually decreasing this disease with its far-reaching and often permanent ill effects.

An adequate supply of Antitoxin is available to all Medical Practitioners in the area, free of charge.

Swab outfits are also supplied, and adequate facilities for the examination of Specimens, and report to the Practitioner and the Medical Officer of Health are available, the cost being borne by the Authority.

MEASLES.

Not notifiable during the year.

CHICKEN POX.

Not notifiable during the year.

PUERPERAL PYREXIA.

Six cases notified compared with one in 1937.

GENERAL.

The total number of infectious disease cases notified was 199, of which 148 were removed to Sanatorium. The disinfection of 182 houses was carried out immediately after the patients removal to Sanatorium, or on being certified as free from infection by the doctor in attendance.

TUBERCULOSIS.

Twenty-five new cases were notified, 16 Pulmonary, 9 non-pulmonary, compared with 24 for 1937. 18 Pulmonary and 6 non-Pulmonary. 10 deaths were registered, 9 Pulmonary and 1 non-Pulmonary.

Disinfection of infected premises was carried out under the supervision of the Sanitary Inspector.

ADOPTIVE ACTS IN FORCE.

ACTS ADOPTED BY THE COUNCIL OR DECLARED TO BE IN FORCE
BY ORDER.

Infectious Disease (Notification) Act, 1889.

Infectious Disease (Prevention) Act, 1890.

Public Health Acts (Amendment) Act, 1890—Parts, II, III, IV and V.

Housing of the Working Classes Act, 1890.

The Museum and Gymnasiums Act, 1891.

Private Street Works Act, 1892.

Public Libraries Act, 1892, adopted 28th February, 1896.

Public Libraries (Amendment) Act, 1893, adopted 28th February, 1896.

Public Health Acts Amendment Act, 1907, Part II, Part III, Part IV (except Section 61), Part V, Part VI, Section 81 of Part VII, Section 87 (modified), Section 88 and Section 90 of Part VIII, Section 95 of Part X. Orders of the Local Government Board dated January 8th, 1909, and 30th September, 1910, as regards the former Worsley Urban District Council and 14th October, 1909, and 19th August, 1910, as regards the late Little Hulton Urban District Council.

Small Dwellings Acquisition Acts, 1899-1923. Adopted March 9th, 1935.

Public Health Act, 1925, Parts II, III, IV and V. Part adopted 8th February, 1926, by the former Worsley Urban District Council and Part adopted on 9th August, 1926, and 10th January, 1927, by the late Little Hulton Urban District Council.

LOCAL ACTS AND ORDERS.

Little Hulton Urban District Council Act, 1910.
Date of Royal Assent 10th August, 1910.

Sections 36, 38, 39, 40, 41, 43, 44, 49, 52, 65, repealed by order of the Minister of Health dated 24th December, 1926, as from the 10th January, 1927.

Sections 3 (Part of) 17, 19, 20, 21, 22, 23, 24, 25, 26, 33, 71 (Part of), 78, 81, 82, 83, repealed by the Little Hulton Gas Order, 1930.

Little Hulton Gas Order, 1930, 19th December, 1930, made by the Board of Trade under the Gas Undertakings Acts, 1920 and 1929.

BYELAWS AND REGULATIONS.

New streets and buildings.

Dairies, cow sheds and milk shops.

Slaughterhouses.

Nuisances.

Offensive Trades.

Tents, vans and sheds, etc.

Worsley Urban District.

					1937		1938	
<i>Causes of Death</i>					<i>M</i>	<i>F</i>	<i>M</i>	<i>F</i>
ALL CAUSES	...	...	...	...	179	163	151	135
1 Typhoid and paratyphoid fevers	...	...	...	...
2 Measles	...	...	...	...
3 Scarlet Fever	...	...	...	...
4 Whooping Cough	...	...	...	...		1		
5 Diphtheria	...	...	...	...	1		1	4
6 Influenza	...	...	...	...	6	1	3	1
7 Encephalitis Lethargica	...	...	...	...
8 Cerebro-spinal fever	...	...	...	...	3	3	2	0
9 Tuberculosis of respiratory system	...	...	...	...	7	5	4	4
10 Other Tuberculous diseases	...	...	...	...	1	1	1	0
11 Syphilis	...	...	...	...
12 General paralysis of the insane, tabes dorsalis	...	...	...	...	2		0	1
13 Cancer, malignant disease	...	...	...	...	12	24	25	15
14 Diabetes	...	...	...	...	2	4	4	2
15 Cerebral Hæmorrhage, &c.	...	...	...	...	12	13	12	16
16 Heart disease	...	...	...	...	45	41	34	40
17 Aneurysm	...	...	...	...
18 Other circulatory diseases	...	...	...	...	4	5	9	5
19 Bronchitis	...	...	...	...	9	8	3	4
20 Pneumonia (all forms)	...	...	...	...	14	4	4	6
21 Other respiratory diseases	...	...	...	...	2	1	1	
22 Peptic Ulcer	...	...	...	...	2		2	
23 Diarrhœa, &c. (under 2 years)	...	...	...	...		1	2	
24 Appendicitis	...	...	...	...	2	2	1	2
25 Cirrhosis of liver	...	...	...	...		1		
26 Other diseases of the liver	...	...	...	...	2			
27 Other digestive diseases	...	...	...	...	4	2		1
28 Acute and chronic nephritis	...	...	...	...	7	6	4	5
29 Puerperal sepsis	...	...	...	...			0	1
30 Other puerperal causes	...	...	...	...		3		1
31 Congenital debility, premature birth, malformations, &c.	...	...	...	...	8	4	8	4
32 Senility	...	...	...	...	7	17	7	5
33 Suicide	...	...	...	...	3	3	2	2
34 Other deaths from violence	...	...	...	...	7	4	9	8
35 Other defined diseases	...	...	...	...	16	8	12	8
36 Causes ill-defined or unknown	...	...	...	...	1		1	0
37 Diarrhœa (over 2 years)	...	...	...	...
Special Causes (included above)								
Small-pox								
Poliomyelitis								
Polioencephalitis								
Deaths of Infants under 1 year	Total	...	13	...	8	12	..	6
	Legitimate	...	12	...	7	12	...	6
	Illegitimate	...	1	...	1	0	...	0
Live Births	Total	...	187	...	142	201	...	186
	Legitimate	...	182	...	138	195	...	183
	Illegitimate	...	5	...	4	6	...	3
Still Births	Total	...	13	...	10	6	...	13
	Legitimate	...	12	...	10	6	...	13
	Illegitimate	...	1	...		0	...	0
Comparability Factor					1.08		1.08	

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1938.

Age Periods.				NEW CASES.				DEATHS.			
				Resp't'y		non-Resp't'ry		Resp't'y		non-Resp't'ry'	
				M.	F.	M.	F.	M.	F.	M.	F.
Years	0—1	...	...	—	—	—	—	—	—	—	—
„	1—5	...	...	—	—	1	1	—	—	1	—
„	5—10	...	...	—	1	1	1	—	1	—	—
„	10—15	...	...	1	1	—	1	—	2	—	—
„	15—20	...	...	1	—	—	—	1	1	—	—
„	20—25	...	...	1	1	1	—	—	—	—	—
„	25—35	...	...	2	1	1	1	1	1	—	—
„	35—45	...	...	2	—	1	—	1	—	—	—
„	45—55	...	...	3	—	—	—	1	—	—	—
„	55—65	...	...	1	1	—	—	—	—	—	—
„	65 & upwards	...	...		—	—	—	—	—	—	—
Totals				11	5	5	4	4	5	1	—
				16		9		9		1	

All primary notifications should be included, and also any other new cases of tuberculosis coming to the knowledge of the Medical Officer of Health during the year.

NOTIFIABLE DISEASES (other than Tuberculosis) DURING THE YEAR, 1938. 21

"NOTIFIABLE" DISEASES.	TOTAL CASES NOTIFIED.													Hospital.		
	Total Cases at all Ages.	Years.										Total Deaths.	Total Cases removed to Hospital.	Deaths in Hospital of persons belonging to district		
		u'der 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45				45-65	65 and over
Smallpox	(a)													(b)	(c)	(d)
Scarlet Fever	69	1	1	1	6	24	19	10	4	3					46	
Diphtheria, including Membranous Croup	106	1	4	8	6	52	28	5	1	1				4	94	3
Enteric Fever (including Paratyphoid)	1									1					1	
Acute Primary Pneumonia	6															
Acute Influenzal Pneumonia	6			1	1	1				1	2			1	4	1
Puerperal Pyrexia	2	1				1			6					2	2	2
Cerebro-Spinal Fever																
Acute Poliomyelitis																
Acute Polio-encephalitis																
Encephalitis Lethargica																
Dysentery																
Ophthalmia Neonatorum	4	4							2						1	
Erysipelas	5															
(Contracted—																
In this Country																
Abroad																
Malaria																
Any other diseases notifiable in district, e.g. :—																
Chicken-pox																
Measles, excluding German Measles																
Whooping Cough																
Any other disease																
Totals	199	6	1	5	10	78	47	15	13	6	3	2	7	148	6	

Birth-rates, Death-rates, Analysis of Mortality, Maternal Death-rates, and Case-rates for certain Infectious Diseases in the year 1938.

(England and Wales, London, 126 Great Towns and 148 Smaller Towns).

(Provisional Figures based on Weekly and Quarterly Returns).

	England and Wales	126 County Boro's. and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Adminis- trative County
	Rates per 1,000 Population.			
Births—				
Live 	15.1	15.0	15.4	13.4
Still 	0.60	0.65	0.60	0.48
Deaths—				
All Causes 	11.6	11.7	11.0	11.4
Typhoid and Paratyphoid fevers	—	—	—	—
Smallpox... 	—	—	—	—
Measles 	0.04	0.05	0.03	0.06
Scarlet Fever 	0.01	0.01	0.01	0.01
Whooping Cough 	0.03	0.03	0.02	0.03
Diphtheria 	0.07	0.07	0.06	0.05
Influenza... 	0.11	0.10	0.11	0.06
Notifications—				
Smallpox... 	—	—	—	—
Scarlet Fever 	2.41	2.60	2.58	2.05
Diphtheria 	1.58	1.85	1.53	1.90
Enteric Fever 	0.03	0.03	0.04	0.05
Erysipelas 	0.40	0.46	0.39	0.46
Pneumonia 	1.10	1.28	0.98	0.98
	Rates per 1,000 Live Births.			
Deaths under 1 year of age ...	53	57	51	57
Deaths from Diarrhoea and Enteritis under 2 years of age 	5.5	7.8	3.6	13.1
Maternal Mortality—				
Puerperal Sepsis 	0.89	} Not available		
Others 	2.19			
Total 	3.08			
	Rates per 1,000 Total Births (i.e. Live & Still)			
Maternal Mortality—				
Puerperal Sepsis 	0.86	} Not available		
Others 	2.11			
Total 	2.97			
Notifications—				
Puerperal Fever }	14.42	18.08	12.51	3.53
Puerperal Pyrexia }				15.46

BIRTHS AND DEATHS during 1938 and previous years.

Year	Population	BIRTHS		DEATHS				
		Number	Rate	Number at all ages	Rate		Under One Year	
					Crude	Adjusted	Number	Rate per 1000 Births
1934	23080	283	12.2	287	+12.4	13.3	21	74
1935	23423	298	12.7	275	+11.7	12.6	22	73
1936	24200	351	14.5	293	12.1	13.0	18	51
1937	24500	329	13.4	342	13.9	15.0	21	63
1938	24920	387	15.5	286	11.4	12.3	18	46

Yours obediently,

T. E. FLITCROFT,
Medical Officer of Health.

WORSLEY URBAN DISTRICT COUNCIL.

Annual Report of the Sanitary InspectorFor the year ending December 31st, 1938.

PUBLIC HEALTH OFFICE, TOWN HALL,
WALKDEN, May, 1939.*To the Chairman and Members of
the Worsley Urban District Council.*

I have the honour to submit for your consideration my Eighteenth Annual Report of the work carried out by the Health Department, and the Forty-fourth Annual Report for the District.

During the year 371 new houses have been occupied, 146 of which have been built by the Council for the purpose of rehousing displaced occupiers from houses situate in condemned areas. The remaining 225 were built by private enterprise, most of which have been purchased by the present occupiers.

Representations for the clearance of seventeen areas in three Wards comprising 119 houses were submitted to the Ministry of Health. The Wards affected were:—

Hulton East Ward	...	12 areas	...	82 houses
Worsley North Ward	...	3	„	30 „
Walkden North Ward	...	2	„	7 „

The number of persons in occupation of the premises concerned were 264, 95 and 34 respectively. Inspections of other Areas were made with a view to representations being considered.

Reports presented to the Public Health and Housing Committees, received due consideration and resolutions adopted by the Council were dealt with in accordance therewith.

Practically all the work in regard to the abatement of Nuisances, repairs to and the reconditioning of properties, also other work required under the various Acts and orders was carried out as the result of Informal Action. The necessity of resorting to formal procedure was not required.

TABLE No. 1.

No. of Premises visited	...	...	...	...	...	...	1829
„ Nuisances discovered	...	...	...	...	...	...	415
„ „ unabated in 1937	...	...	...	...	...	...	41
„ „ abated in 1938	...	...	...	...	...	...	439
„ „ unabated in 1938	...	...	...	...	...	...	17
„ Ashbins renewed	...	...	...	...	...	...	7
„ Ashpits repaired	...	...	...	...	...	...	2
„ Drains repaired	...	...	...	...	...	...	17
„ Sinks replaced	...	...	...	...	...	...	9
„ House Roofs and spouts repaired	...	...	...	...	...	...	30
„ Damp walls and floors repaired, damp coursed, &c.	...	...	...	...	...	...	252
„ Dirty walls and ceilings cleansed	...	...	...	...	...	...	42
„ Verminous premises	...	...	...	...	...	...	27
„ Accumulations	...	...	...	...	...	...	7
„ Miscellaneous Nuisances	...	...	...	...	...	...	46

REFUSE COLLECTION AND DISPOSAL.

The collection of refuse has again proceeded uninterrupted during the year.

The Personnel engaged being:—One foreman, four motor drivers, nine permanent, and two temporary ashbinmen, and one tipman.

Four motor wagons were constantly employed, and the district sectionised so that a weekly collection of refuse stored in bins was made. Dry ashpits and middens were cleared frequently. A Vulcan 10 cubic yard covered wagon was introduced during the year.

The disposal of refuse was carried out satisfactorily, at one central tip situate at Berryfield, Walkden. Quarry tip at Little Hulton has been filled in and discontinued.

The Council are well provided with suitable tips for several years, and there is no nuisance arising.

The total number of loads collected and disposed of amount to 4,587 loads; approximate weight per load being 37.113 cwts. Total weight 8512 tons, approximately. The total number of occupied houses and shops in the district 7825, the average yield per house is 21.75 cwts.

SANITARY ACCOMMODATION.

The following table indicates the position in the district on December 31st, 1938. Occupied houses and lock-up shops only.

Wards	Areas in Acres	No. of Houses	No. of Lock-up Shops	Water Closets	Waste Water Closets	Privies	Dry Ashpits	Ashbins	Palis
North	185...	1017...	28...	1023...	6...	16...	32...	997...	0
Central	833...	1692...	9...	1651...	50...	0...	29...	1672...	0
East	790...	1024...	2...	1003...	14...	3...	14...	1009...	6
Worsley	1695...	895...	3...	889...	0...	7...	74...	817...	2
Boothstown	2040...	472...	3...	463...	0...	5...	17...	453...	7
Hulton East	581...	1218...	17...	1185...	37...	13...	15...	1207...	0
„ West	760...	991...	7...	915...	21...	60	20...	918...	2
„ Wor. Rd.	358...	446...	1...	405...	23...	18...	4...	425...	1
Totals	7242	7755	70	7534	151	122	205	7498	18

The greater number of privies are situated in areas where sewers are not available; others are in areas scheduled for demolition.

SMOKE ABATEMENT.

The number of works situate in the district where steam raising is essential is 28. There are a similar number of chimneys. Seventeen observations were made. No legal proceedings were necessary. The Byelaw which is in force prescribes that the emission of black smoke shall not exceed two minutes per half hour.

MILK AND DAIRIES.

There are 33 producers of milk in the district, and 18 purveyors other than cow-keepers.

Periodical inspections of Dairies and Cowsheds were made with a view to operating the Milk and Dairies Orders.

One Cowshed for 16 cows has been re-conditioned and brought up to standard. Generally the cow sheds are kept in a good and clean condition, particular attention being given to limewashing, grooming of cows and personal cleanliness.

The following Tables indicate the results of samples of milk which were sent for analysis :—

EXAMINATIONS FOR BACTERIA.

					BACTERIA PRESENT IN 1 CC		
					Produced in District	Produced outside District	Total
Less than 1,000 Bacteria	...	...	...	...	—	—	—
1,000 to 5,000	„	...	...	...	5	—	5
5,000 „ 10,000	„	...	...	...	—	—	—
10,000 „ 20,000	„	...	...	...	3	—	3
20,000 „ 50,000	„	...	...	...	1	1	2
50,000 „ 100,000	„	...	...	...	2	1	3
100,000 „ 200,000	„	...	...	...	1	—	1
200,000 „ 500,000	„	...	...	...	2	—	2
500,000 and over	„	...	...	...	1	—	1
					15	2	17

EXAMINATIONS FOR BACILLUS COLI.

				1 cc	0.1 cc	0.01 cc
Bacillus Coli present in						
Milk produced in Township	...	...	...	6	1	2
Milk produced outside Township	...	...	...	1	—	—
Bacillus Coli absent in						
Milk produced in Township	...	...	...	6	—	—
Milk produced outside Township	...	...	...	1	—	—
				14	1	2

ACCREDITED MILK SAMPLES,

		Methylene Blue Test		Coliform Test	
Satisfactory	...	13	...	12	
Unsatisfactory	...	—	...	1	

Samples from accredited farms have also been subjected to the Cytological Test, and found to be satisfactory.

40 samples were taken on behalf of the County Council for T.B., 37 of which were returned negative and 3 positive. There are five farms in the district licensed by the County Council as accredited.

FOOD AND DRUGS ACTS.

I am indebted to Superintendent J. T. Turner, Bolton Division, for the following information :—

Return showing particulars of samples taken under the Food and Drugs (Adulteration) Act, 1928, in Little Hulton Area, year ended 31/12/38.

Nature of Sample.				Number of Samples taken.	Result of Analysis.
Milk	...	...	...	24	See Note *
Butter	...	...	...	1	do.
Cheese	...	...	...	1	do.
Ground Ginger	...	...	...	1	do.
Lard	...	...	...	1	do.
Pepper	...	...	...	1	do.
White Pepper	...	...	...	1	do.
Tapioca	...	...	...	1	do.
Tea	...	...	...	1	do.
				—	
Total				32	

* All the above samples on analysis were found to be genuine with the exception of Sample No. 43508 Milk which was deficient 8% solids-not-fat. The vendor was prosecuted and fined £10 and ordered to pay £4/4/8 costs.

County Police Office,
Bolton, 19th May, 1939.

J. T. TURNER,
Superintendent.

Also to the Superintendent, Frederick Hogg, Old Trafford, Manchester, for the following information :—

FOOD AND DRUGS (ADULTERATION) ACT, 1928.

Return of samples purchased in the Worsley Urban District during the year 1938 for the purpose of analysis. All samples were genuine.

Milk	...	...	...	48	Condensed Milk	...	...	1
Lucca Oil...	...	...	...	1	Strawberry Jam	...	...	2
Ox Tongue Loaf...	...	...	...	2	Margarine	...	...	1
Pepper	...	...	...	2	Mixed Pickles	...	...	2
Ground Ginger	...	...	...	2	Borax	...	...	1
Ground Almonds	...	...	...	3	Boracic Powder	...	...	1
Fruit Chutney	...	...	...	1	Camphorated Oil	...	...	1
Lard	...	...	...	4	Olive Oil	...	...	1
Tapioca	...	...	...	3	Baking Powder	...	...	1
Sultanas	...	...	...	1				

All samples were found to be genuine, with the exception of 1 Milk sample No. 68157, which was adulterated, deficient 7% solids-not-fat. Further samples were taken from this vendor which were found to be genuine. 1 Milk Sample No. 68561 was found to be deficient 10% fat, and further samples were taken which were genuine. 2 Milk samples Nos. 68320-1, were found to be deficient 20% fat, and the vendors attention was drawn to the deficiency.

Lancashire Constabulary,
Superintendent's Office,
Old Trafford, Manchester, 16,
19th May, 1939.

FREDERICK HOGG,
Superintendent.

PUBLIC HEALTH [MEAT] REGULATIONS, 1924.

The number of slaughter-houses in the district is 16. Number licensed 10, number defined as registered 6, in various parts of the district as follows :—North Ward 2, East 2, Central 1, Boothstown 3, Hulton East 4, Hulton West 3, Worsley Road 1, and, with one exception, are within 30 feet from dwelling-houses. Six are in common yards. The buildings are in a reasonable condition, and have entailed for the purpose of general inspection, and for the inspection of Animals slaughtered for food for human consumption; 788 visits in the year, during and after office hours.

The number of carcasses inspected: Cattle including Cows, 739, Cows 20, Calves 9, Sheep and Lambs 1869, Pigs 474.

The amount of meat found to be unfit for human consumption was: Carcasses and parts 3678 lbs.

SLAUGHTER OF ANIMALS ACT, 1933.

The provisions of this Act are operated throughout the area. Slaughtermen are Licensed, and mechanically operated instruments are used for the effective stunning of all Animals including sheep and lambs.

SHOPS ACT, 1934.

There are 430 Shops in the District, the majority of which are of the dwelling house with shop type. Inspections have been carried out in regard to cleanliness, ventilation, temperature washing facilities and the provision of water closet accommodation especially at those shops where persons are employed

DISINFESTATION.

Eradication of Bed Bugs—

Particulars of action taken during 1938—No of houses found to be infested: Council houses 0, other houses 34. No. of houses disinfested: Council houses 0, other houses 34.

Methods employed for freeing infested houses from bed bugs: Hydrogen Cyanide gas and approved liquids (Zaldecide).

Methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council houses: Disinfested in vans.

Is work of disinfestation carried out by local authority or by a contractor? By contractor and by local authority.

Measures taken by way of supervision or education of tenants to prevent infestation or re-infestation after cleansing: The seriousness of such conditions is explained.

HOUSING

Statistics for the year 1938.

Number of new houses erected during the year :—371; with State assistance, by Local Authority—146. By other bodies or persons—225.

Unfit Dwelling-houses—

Inspection—(1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)—241. Inspections made for the purpose—503.

(2) Number of dwelling-houses which were inspected and recorded under the Housing Consolidated Regulations, 1925—134. Number of inspections made for the purpose—268.

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.—96.

(4) Number of dwelling-houses (exclusive of those referred to under (3) found not to be in all respects reasonably fit for human habitation? 142.

Remedy of Defects without Service of formal Notices—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers.—110.

Action under Statutory Powers—

A—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs.—0. Informal notices 35.

(2) Number of dwelling-houses which were rendered fit:—

(a) By owners.—0.

(b) By Local Authority in default of owners.—None.

B * Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied.—2. Informal notices 95.

2) Number of dwelling-houses in which defects were remedied:—

(a) By owners.—2.

(b) By Local Authority in default of owners.—None.

C—Proceedings under Sections 11 and 13 of the Housing Act, 1936—

(1) Number of dwelling-houses in respect of which Demolition Orders were made.—Nine.

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders.—Nine.

D—Proceedings under Section 12 of the Housing Act, 1936—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made.—None.

Housing Act, 1936.—Overcrowding:—

A—(1) Number of dwellings overcrowded at the end of the year—74.

(2) Number of families dwelling therein—86.

(3) Number of persons dwelling therein—549,

B—Number of new cases of overcrowding reported during the year—0.

C—(1) Number of cases of overcrowding relieved during the year—12.

(2) Number of persons concerned in such cases—92.

INFECTIOUS DISEASES.

The number of Infectious Diseases notified by Medical Attendants during the year 1936 was 199.

Table showing how each Ward was affected.

		WARDS.								
Disease		North	Central	East	Worsley	Boothstown	Hulton West	Hulton East	Worsley Road	Total
Diphtheria	...	13	23	15	2	10	8	33	2	106
Scarlet Fever	...	9	18	2	6	10	3	17	4	69
Pneumonia	...	1	3	—	—	—	1	1	—	6
Puerperal Pyrexia		1	2	—	1	—	1	1	—	6
Acute Poliomyelitis	—	—	—	—	—	—	—	—	—	—
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	...	1	—	—	—	—	1	1	1	4
Erysipelas ...	...	—	—	—	1	—	2	2	—	5
Enteric Fever	...	—	—	1	—	—	—	—	—	1
Cerebro Spinal Fever	...	1	—	—	—	—	—	1	—	2
	—	—	—	—	—	—	—	—	—	—
Total	...	26	46	18	10	20	16	56	7	199

Table showing number of Notifications for each month :

Nature of Disease.	January	February	March	April	May	June	July	August	Sept'mb'r	October	Nov'mb'r	Dec'mb'r	Totals
Small-pox.....													0
Diphtheria	18	22	23	13	4	.....	3	3	5	3	2	10	106
Scarlet Fever ...	5	4	4	3	10	8	10	10	6	3	4	2	69
Pneumonia ...	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	6
Puerperal Pyrexia.....	1	1	1	.....	.....	3	.....	.....	.....	.....	.....	.....	6
Acute Polioniyelitis...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
Encephalitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
Lethargica .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0
Ophthalmia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Neonatorium .....	.....	1	1	.....	.....	.....	1	1	.....	.....	.....	.....	4
Erysipelas.....	1	1	.....	1	1	.....	.....	1	.....	.....	.....	.....	5
Enteric, Typhoid	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Cerebro Spinal Fever...	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	2
Totals.....	26	31	29	17	16	11	14	16	11	6	7	15	199

Each house was visited immediately after notification, and all information obtained in regard to any possible source of infection. The question of Isolation was carefully investigated, and in 148 cases it was considered essential for the patient to be removed to Sanatorium. Disinfectants were supplied, and the necessary instructions given with a view to preventing further infection.

The number of houses disinfected after infectious disease was 182.

Schools were sprayed with a formaldehyde solution when necessary.

I am, Lady and Gentlemen,

Your obedient Servant,

WALTER ALLEN, M.S.I.A.,

Certified San. Institute,

CHIEF SANITARY INSPECTOR.

TABLE V.
WORSLEY URBAN DISTRICT.
Factories, Workshops, Laundries, Workplaces and Homework.
I.—INSPECTION—1938

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances

PREMISES.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (with Mechanical Power)	30	1	None
Workshops (without Mechanical Power)	16	0	
Other Premises	6	0	
Total	52	1	

2.—DEFECTS FOUND.

PARTICULARS.	Number of Defects.			Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
Want of Cleanliness... ..	0	0	...	None
Other Nuisances	0	0	...	
Sanitary accommodation (UNSATISFACTORY OR DEFECTIVE)	3	3	...	
do. Insufficient	0	0	...	
Total	3	3	0	

WORSLEY URBAN DISTRICT COUNCIL.

TOWN HALL, WALKDEN,
January 17th, 1938.

Rats and Mice Destruction Act 1919.**National Rat Week, 1937.**

Sir,

I beg to report that having regard to your circular letter LP.3306/CL, September, 1938, special communications were sent to the occupiers of premises where it was thought there were or might be, a possibility of rodents harbouring.

The Advisory Leaflet No. 49, issued by the Ministry of Agriculture and Fisheries accompanied the circular letter. Illustrated Posters 30in. x 20in. were exhibited on all the advertising stations in the District. The local weekly newspaper also advertised the occasion.

Replies have been received, both written and verbal, indicating that suitable action was taken, and also that are not confined to one particular week, but that they are used on all necessary occasions.

The Council's refuse tips, farms and other properties receive constant attention.

I am not able to give you information in regard to numbers destroyed, but I am convinced that determined efforts were made by farmers and occupiers of other premises, with a view to destroying as many rodents as possible during the special week, and also throughout the year.

Yours faithfully,

WALTER ALLEN,

Chief Sanitary Inspector.

The Secretary,
Ministry of Agriculture and Fisheries,
10, Whitehall Place,
London, S.W.1.

WORSLEY URBAN DISTRICT COUNCIL.

TOWN HALL, WALKDEN,

17th January, 1939.

SIR,

Public Health Act 1936.**Part X Section 249 (3).****Canal Boats.**

I beg respectfully to submit the following report on the inspection of Canal Boats in the above Urban District.

The Boats have been inspected on the Bridgewater Canal which passes through the Worsley Urban District for a distance of three miles.

The number inspected—Twenty-five (25) registered by Registration Authorities at Manchester, Runcorn and Wigan.

Three of this number were tied up and the registration certificates were not obtained. The remaining 22 were registered to accommodate fifty persons, but at the time of inspection the following were actually living on board :—

Adults: Males 21, Females 3, No children.

No cases of infectious disease or overcrowding were discovered and the cabins were found to be satisfactory. Three boats, numbers 9, 41 and 42 belonging to the Manchester Collieries Ltd., have been reconditioned.

Generally, the boats are kept in a reasonable state of repair and the occupants observe the regulations in regard to cleanliness.

I remain,

Your obedient Servant,

H. LOMAX,

Clerk to the Council.

The Secretary,

The Ministry of Health,

Whitehall, London, S.W. 1

WALTER ALLEN,

Chief Sanitary Inspector



